



Use case description:

Register: If a customer is new user, he can request to register page. A register page open and asks total information about customer and asks to customer to choose login (email address) and password.

Login: The customer can login by enter name and password. The system verifies the name and password matches. If not matches, error messages show to the customer.

Browse products: The customer requests to view the product in product category. The system will display the information about product of selected category.

Search product: The customers enter the search product parameters and request a search product. The system search through products category in database and gives information. If not matches, gives fail message.

View shopping cart: The customer request to view the shopping cart. The system returns the shopping cart to customer, the price and total price shows to customer.

Add to shopping cart: When customer finds the product he wants, add to shopping carts. The systems store and track the information about product.

Delete from shopping cart: If a customer doesn't want to buy a product, he is able to remove from the cart. The system automatically deletes the product and refresh the items of the shopping cart

Manage payments and deliveries: The customer is able to see the payment method he chooses, and he can edit that information, also the can see the log of the deliveries he has done in the webpage, and he can edit the delivery information like the address.

Update customer information: The customer request to update customer info about his name, address.... Etc. If updated information system stores in database which is updated. After purchase one product the payment information stores in current information.

Validates Customer's information: The system verifies all the field the customer changes if there is an incorrect spelling of the information that he enters.

Records Information: The modified information is updated in the database

Check out request: The customer completes the shopping he request to checkout. If the payment information exists, the credit card information sends to Credit Verification Company. If credit card information does not match it shows enter valid information or cancel order. If the credit card is valid, the order form will be processed by the system and checkout is complete.

Verify credit card: The credit verification company is validating the credit card information. If the information correct returns to salesperson. If not, the customer will be asked to re-input his payment information.

Approve or decline Charge: After the Credit card company verify card, the company decide if it can approve o decline the charge of the shipment payment, depending on the customer's situation, in case they approved it, it generates a delivery order.

Deliver Order: When the payment is done, the system generates a deliver order with all the information the customer gives.

Pack and Ship Order: After getting the order request, the Delivery person ships order product to customer within 5 to 6 business days.

Restock Product: The Warehouse clerk request to update inventory and to update product info includes price, brand...etc. and system updates in database in the database system.